

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 01/03020

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01H G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 014 054 A (SCHENCK VIBRO GMBH) 28 June 2000 (2000-06-28) page 3, line 20 -page 5, line 39 ---	1-4, 7-12, 16-18
A	US 5 402 521 A (KOSHIJIMA ICHIROU ET AL) 28 March 1995 (1995-03-28) abstract --- -/--	5,6,13, 14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

26 September 2001

Date of mailing of the international search report

02/10/2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Häusser, T

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 01/03020

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LI X ET AL: "Fault prognosis for large rotating machinery using neural network" APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN ENGINEERING IX. PROCEEDINGS OF THE NINTH INTERNATIONAL CONFERENCE, PROCEEDINGS OF NINTH INTERNATIONAL CONFERENCE ON APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN ENGINEERING. AIENG 94, MALVERN, PA, USA, 19-21 J, pages 99-105, XP001028288 1994, Southampton, UK, Comput. Mech. Publications, UK ISBN: 1-85312-284-X page 103, paragraph 1 -----	5,6,13, 14
A	GB 2 277 151 A (UNIV BRUNEL) 19 October 1994 (1994-10-19) page 1, last paragraph -page 2, last paragraph -----	5,13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 01/03020

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1014054	A	28-06-2000	DE EP	19860333 A1 1014054 A2	29-06-2000 28-06-2000
US 5402521	A	28-03-1995	JP	4211859 A	03-08-1992
GB 2277151	A	19-10-1994	NONE		